

Converting Colors

Decimal(13009174)

Have a look what the booklet for
Decimal(13009174) contains.

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Color

Decimal(13009174)

Conversions

Conversions Part 1

Format	Color
Hex	C68116
RGB	198, 129, 22
RGB Percent	78%, 51%, 9%
CMY	0.2235, 0.4941, 0.9137
CMYK	0.00, 0.35, 0.89, 0.22
HSL	36°, 80%, 43%
HSV	36°, 89%, 78%
XYZ	31.2838, 27.7642, 4.4693
YIQ	137.4330, 75.4710, -18.6490

Conversions

Conversions Part 2

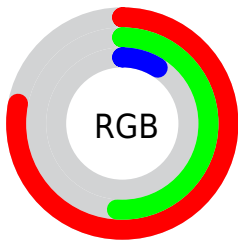
Format	Color
R_{YB}	135, 198, 22
Decimal	13009174
CIE Lab	59.68, 19.03, 61.48
CIE LCh	60, 64.363, 72.798
Yxy	27.7642, 0.4925, 0.4371
Android (android.graphics.Color)	4291199254 (0xFFC68116)
YUV	137.4330, -56.9085, 53.1173
Hunter-Lab	52.6918, 13.7672, 31.8553

Details

The Decimal color **13009174** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **1465286**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **16758351**, and **9064448** is the 20% darker color. If you saturate the color by 10%, you get **13007106**, and if you desaturate by 10%, it is **13011242**.

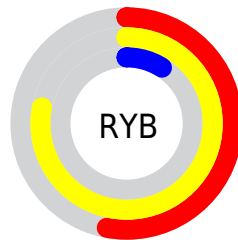
Distribution



Red (78%)

Green (51%)

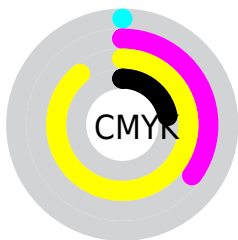
Blue (9%)



Red (53%)

Yellow (78%)

Blue (9%)

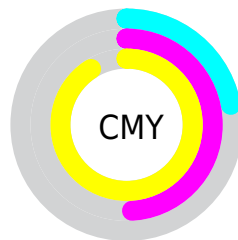


Cyan (0%)

Magenta (35%)

Yellow (89%)

Black (22%)



Cyan (22%)
















Magenta (49%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13009174 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 13009174 by changing the saturation by 10% instead.

 13009174	 13009174
 16777215	 11036672
 16758351	 9064448
 16765290	 7158016
 16772741	 5317376
 16777120	 3542528
 16777148	 2031617
 16777177	 0
 16777206	
 13009174	 13009174

■ 13007106

■ 13011242

■ 13006848

■ 13013310

■ 13015121

■ 13017189

■ 13019257

■ 13021325

■ 13023137

■ 13025204

■ 13027272

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15296837



13009174



9803011

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13009174



43687



11630308

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



13009174



1465286

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4427519



13009174



43228

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13009174



43116



40956



15031731

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



13009174



7183908



40956



9862896

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



13009174



16770234



12981852



8417367



0



8421504

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13009174



16751360



11847190



6512730



10707712



2364928

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



1465286



25855



2627270



5922147



16547



3620

Previews

White Background



This preview shows how the Decimal color 13009174 looks on a white background.

Color Contrast Check

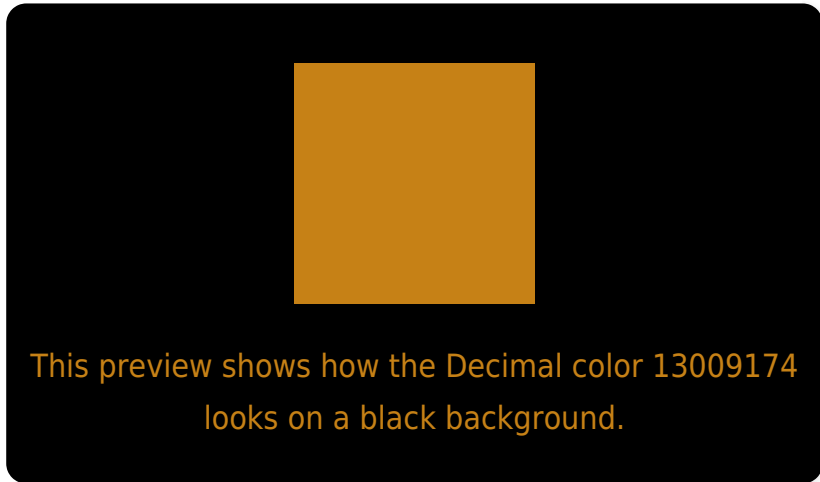
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 13009174 Background



This preview shows how black text looks on a background with the Decimal color 13009174.



This preview shows how white text looks on a background with the Decimal color 13009174.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
13009174

Protanopia
10653978

Deuteranopia
11962639



Tritanopia
13334657

Trichromacy



Original Color
13009174

Protanomaly
11504409

Deuteranomaly
12355090

Tritanomaly
13204314

Monochromacy



Original Color
13009174

Achromatopsia
9013641

Achromatomaly
10454623

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13009174 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C68116 looks like.

```
.text, #text, p{  
    color:#C68116  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C68116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C68116
}
```

Border

The CSS property to change the border of an element to Decimal 13009174 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C68116 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C68116 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C68116 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C68116; -webkit-box-shadow:4px 4px  
4px 4px #C68116; box-shadow:4px 4px 4px  
4px #C68116 }
```

Background

The CSS property to change the background color of an element to Decimal 13009174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C68116 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C68116 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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